

IE-C5DD4UG0010A2EA2E-X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Assembled IE cables, PROFINET, Cat. 5, PUR, green, drag-chain compatible, PushPull plug-in connector according to IEC 61076-3-117 ver.14

General ordering data

Version	Dragline cable, PROFINET, RJ45 IP 67 PushPull V14 metal, RJ45 IP 67 PushPull V14 metal, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 1 m
Order No.	1119730010
Type	IE-C5DD4UG0010A2EA2E-X
GTIN (EAN)	4032248985463
Qty.	1 pc(s).

Creation date December 4, 2023 3:27:56 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

IE-C5DD4UG0010A2EA2E-X

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Length	1 m	Length (inches)	39.37 inch
Net weight	196 g		

Temperatures

Storage temperature	-50 °C...70 °C	Operating temperature	-40 °C...70 °C
Installation temperature	-20 °C...60 °C		

Cable specific standards

Standard, insulating material	DIN EN 50290-2-23 (VDE 0819) Table 2/A (HD 624.3)	Standard, shielding material	DIN EN 13602 Cu-ETP-A..B
Standard, wire material	DIN EN 13602 Cu-ETP-A		

General standards

Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-51
--------------------	--

Standards

Connector standard	IEC 61076-3-117 Var. 14, IEC 60603-7-51	Standard, insulating material	DIN EN 50290-2-23 (VDE 0819) Table 2/A (HD 624.3)
Standard, shielding material	DIN EN 13602 Cu-ETP-A..B	Standard, wire material	DIN EN 13602 Cu-ETP-A

Cable structure

Arrangement of wire cores	Star-quad	Colour sequence or wires - wire pairs	white, yellow, blue, orange
Complete shielding	Aluminium foil, Shielding braid made from copper wiring	Cross-section	4*AWG 22/7 - 0.32 mm ²
Diameter of inner sheathing	3.9 mm	Filler	As central element
Insulation	PE	Insulation cross-section	1.5 mm
Material sheath	PUR	Number of wires	4
Overlap of shielding braid	85 %	Sheath diameter, max.	6.7 mm
Sheath diameter, min.	6.3 mm	Sheathing colour	green (RAL 6018)
Sheathing material thickness	0.9 mm	Shielding	SF/UTP
Shielding braid thickness	0.13 mm	Standard designations	2YH(ST)C11Y 2x2x0,75/1,5-100 LI VZN GN FRNC
Strands	7	Wire core insulation thickness	0.38 mm
Wire material	Stranded tin-plated copper wire		

Electrical properties of cable

Capacity at 1 kHz	52 nF/km
Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Characteristic impedance	100 ± 15 Ω at 1-100 MHz
Delay skew	40 ns/100m
Loop resistance	120 Ω/km
Operating voltage (UL rating)	Operating voltage 600 V
Operating voltage (UL rating)	600 V

Creation date December 4, 2023 3:27:56 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

IE-C5DD4UG0010A2EA2E-X

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Operating voltage, UL	600 V
Resistance differential	3 %
Signal propagation time	5.3 ns/m
Speed	180 m/min
Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min
Transfer impedance	20 mΩ/m at 10 MHz

Mechanical and material properties of cable

Abrasion resistance	very good	Acceleration	4 m/s ²
Bending cycles	3 Mio	Fire propagation	No
Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, once only	5 x cable diameter
Min. bending radius, repetitive	7.5 x cable diameter	Pulling force	≤ 150 N
Resistance to oils	in accordance with IEC 60811-2-1	Resistance to spread of flame	in accordance with IEC 60332-1
Silicone-free	Yes	Speed	180 m/min
UV-resistant	Yes		

Plug

Plug	Cable side	left
	Version of contact face	RJ45
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing version	PushPull V14
	Version of connector	plug
	Housing main material	Zinc diecast
	Status indicator available	No
	Shielding available	Yes
	Cable side	right
	Version of contact face	RJ45
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing version	PushPull V14
	Version of connector	plug
	Housing main material	Zinc diecast
	Status indicator available	No
	Shielding available	Yes
Plug left	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded	
Plug right	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded	

Plug, left

Connector left	RJ45 IP 67 PushPull V14 metal	Plug left	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded
----------------	-------------------------------	-----------	--

Plug, right

Connector right	RJ45 IP 67 PushPull V14 metal	Housing main material	Zinc diecast
Plug right	RJ45, IP67, male contact, straight, PushPull V14, plug, Zinc diecast, shielded		

Creation date December 4, 2023 3:27:56 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

3

IE-C5DD4UG0010A2EA2E-X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27060308

Approvals

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[PROFINET Manufacturer's Declaration](#)

User Documentation

[MAN IE GUIDE DE](#)
[MAN IE GUIDE EN](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)
[PI PROFINET CABLING EN](#)
[PI PROFINET CABLING EN](#)

Data sheet

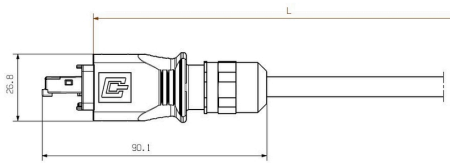
IE-C5DD4UG0010A2EA2E-X

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Drawings

Dimensioned drawing



Wiring

RJ45		RJ45
1	yellow	1
2	orange	2
3	white	3
6	blue	6

Accessories

Blank



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	TM-I 12 MC NE WS	Version
Order No.	1718411044	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 pc(s).	

IE-C5DD4UG0010A2EA2E-X

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Blank



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	TM-I 18 MC NE WS	Version
Order No.	1718431044	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	